

FIG. 2

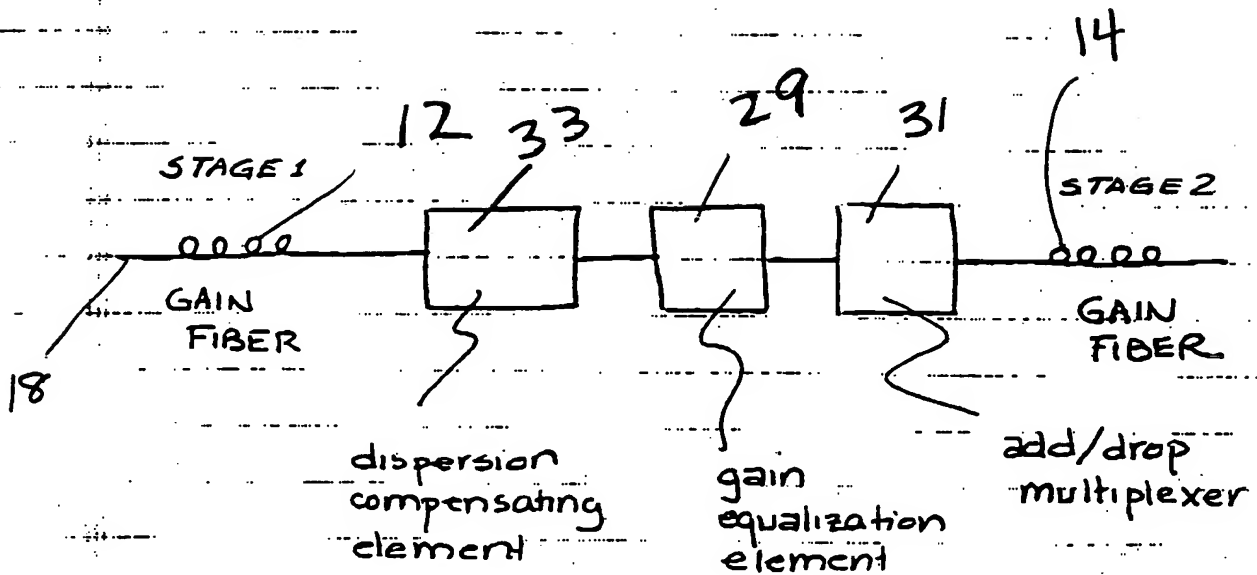


Fig. 3

1000642-11901

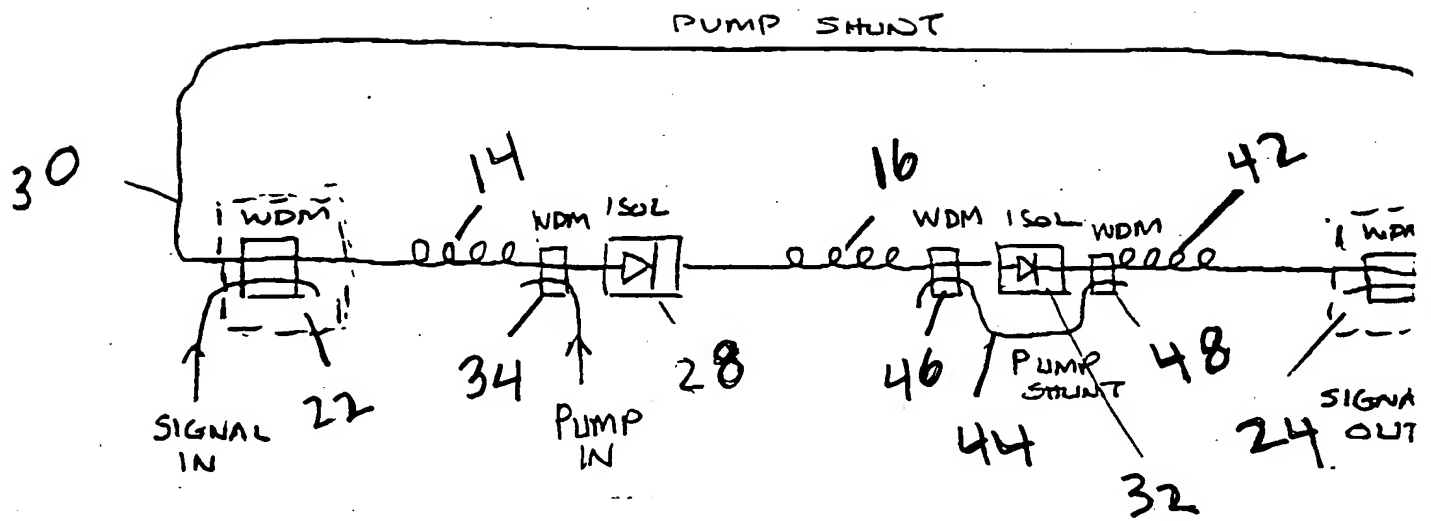


FIG. 4 (Continued)

FOUO 2450001

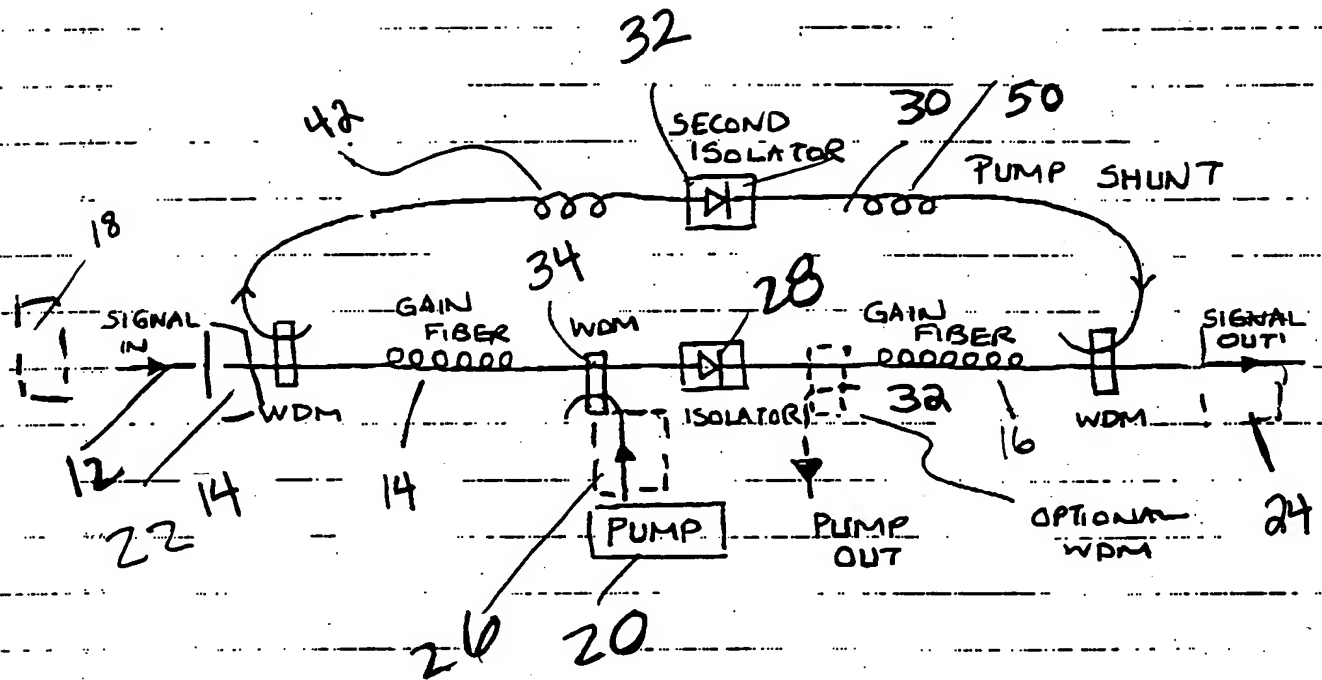


FIG. 5

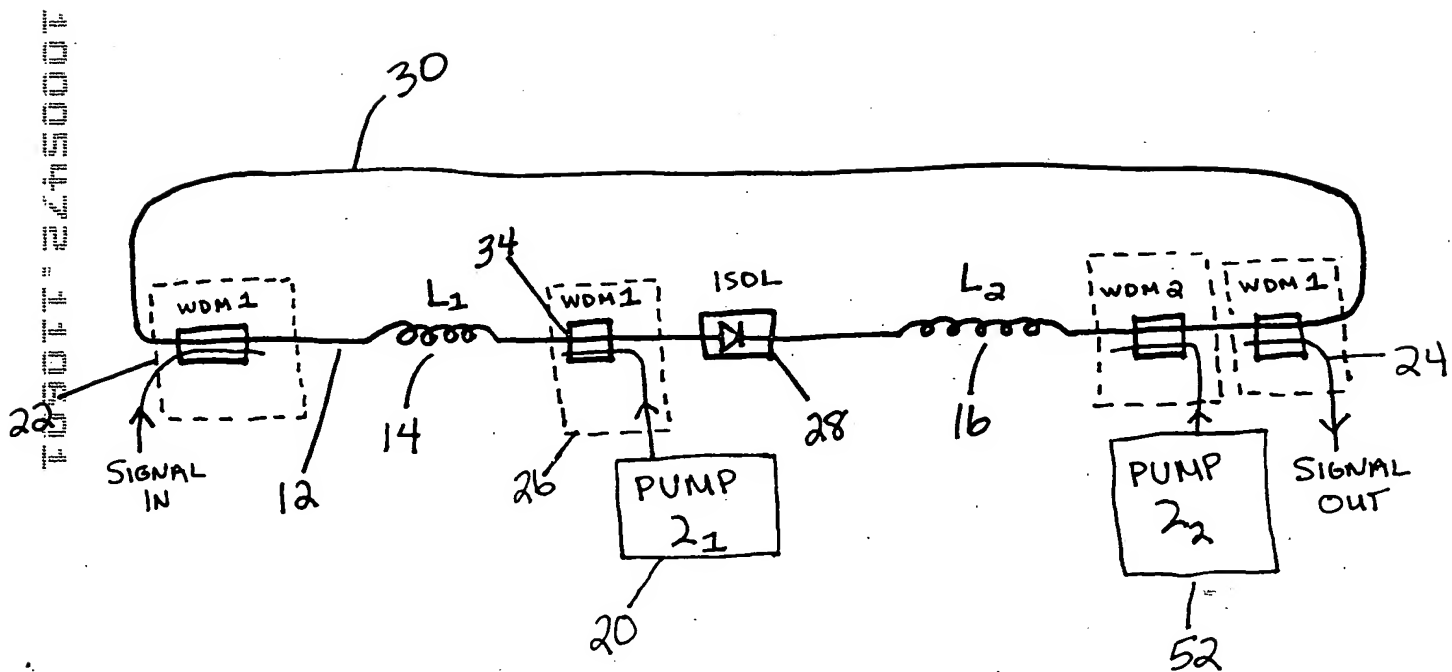


FIG. 6

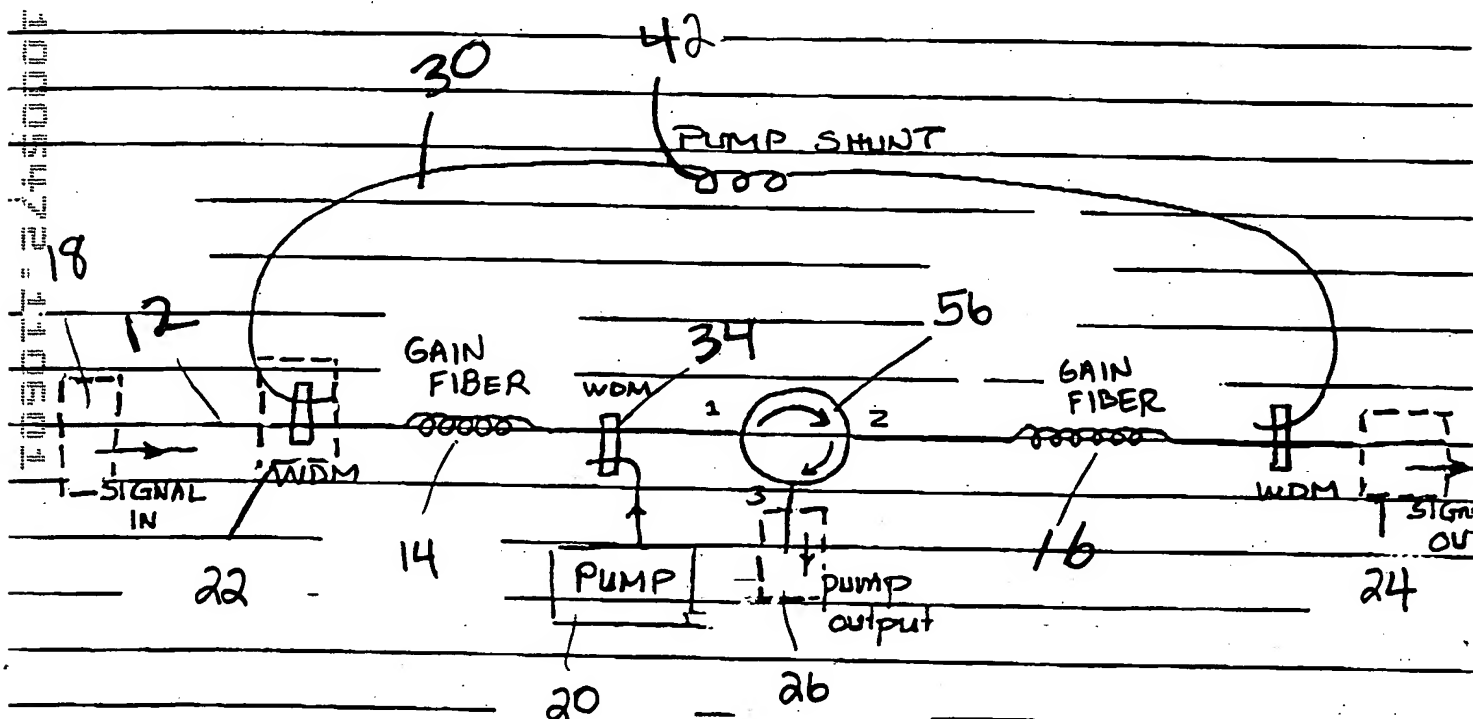


FIG. 7

1005472-110501

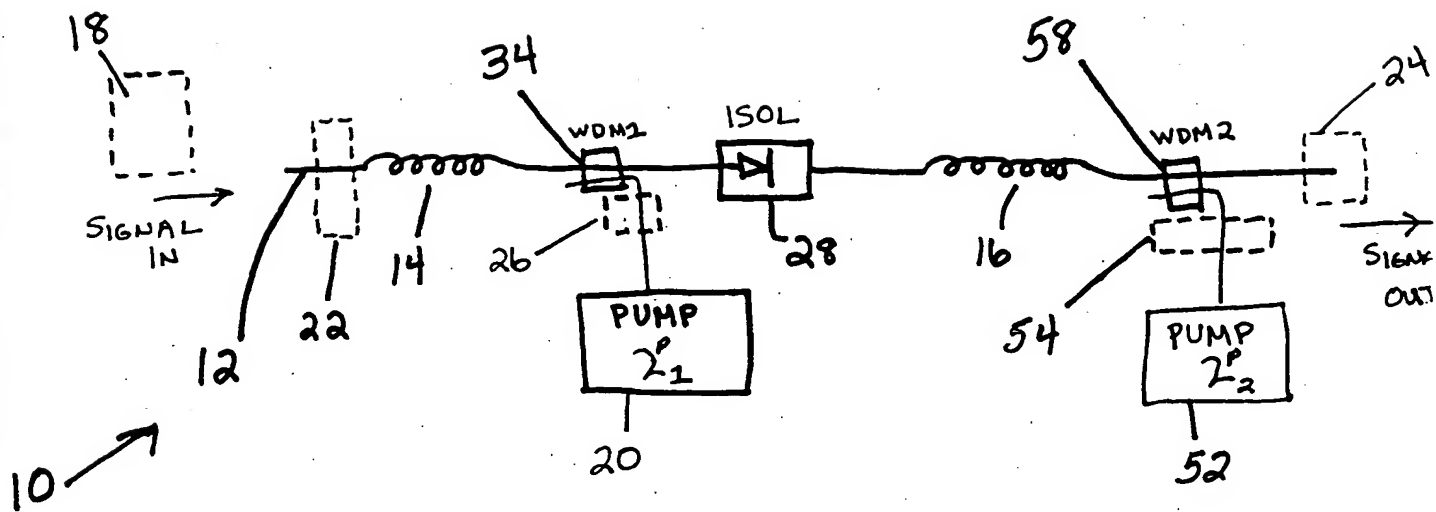


FIG. 8

1000542-110501

FIG. 8b

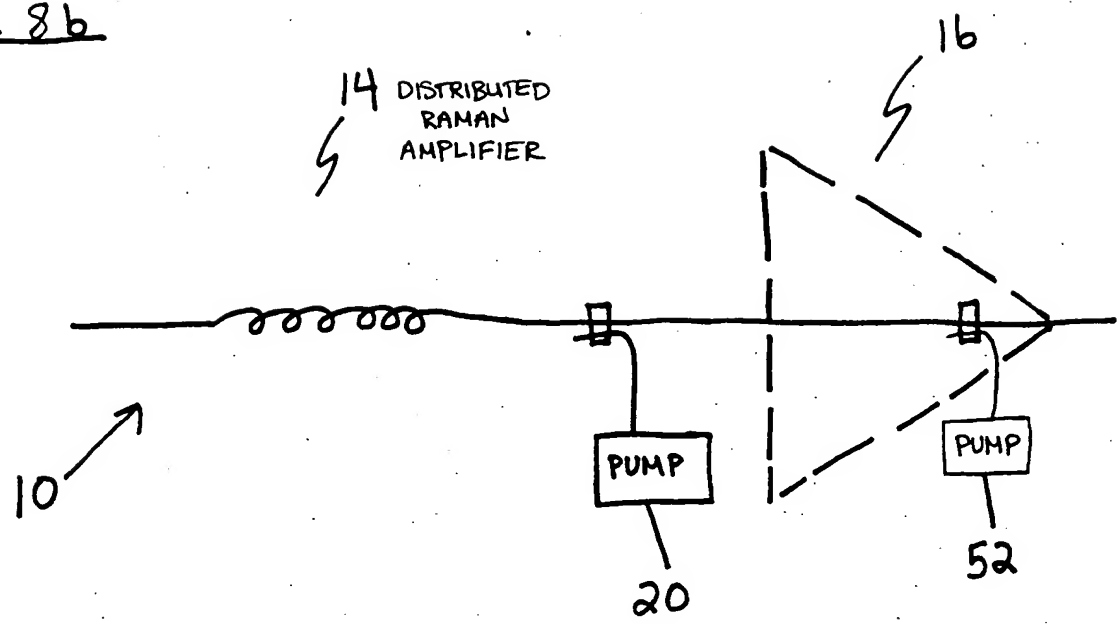
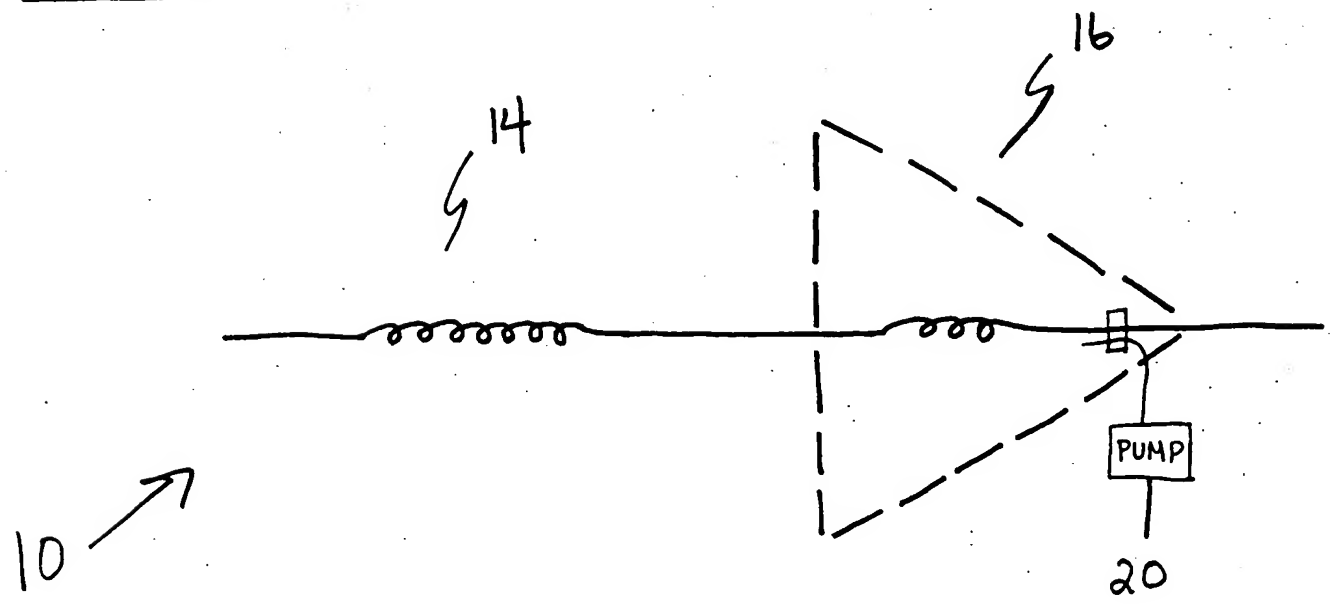


FIG. 8c



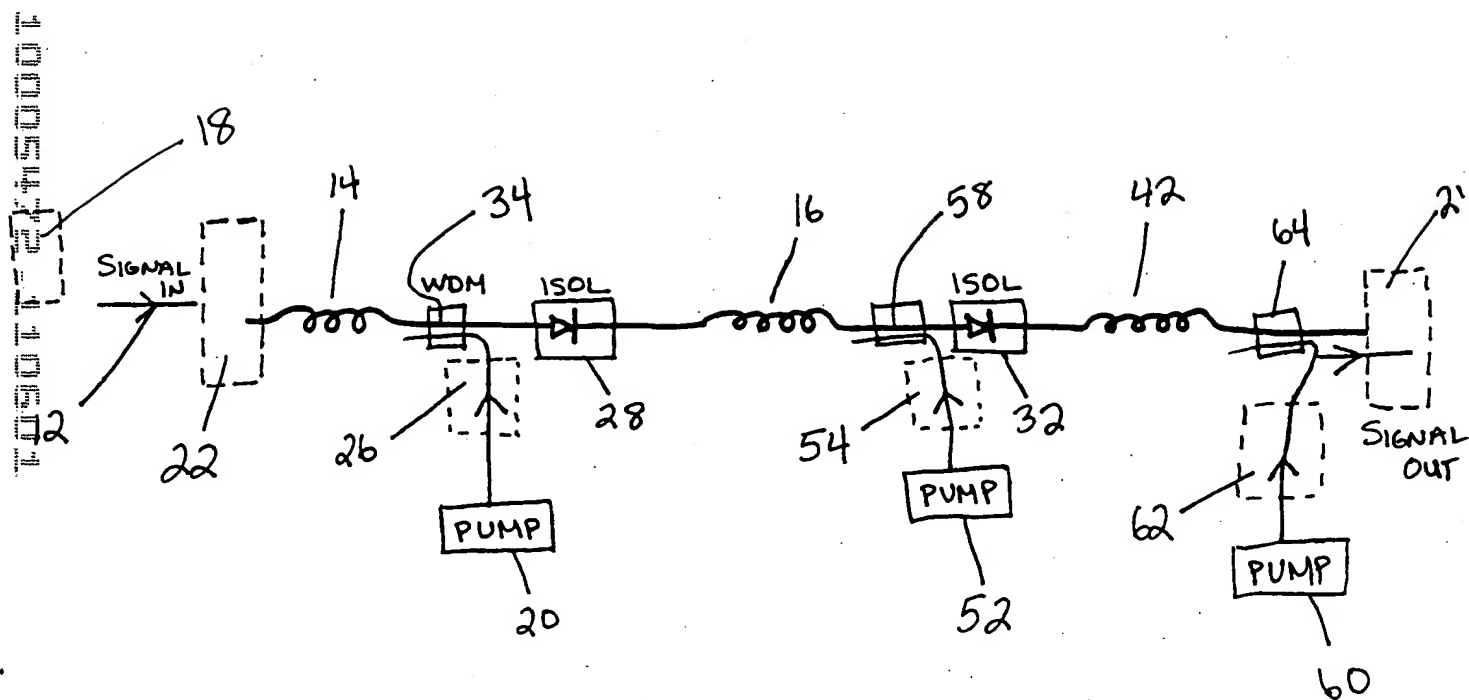


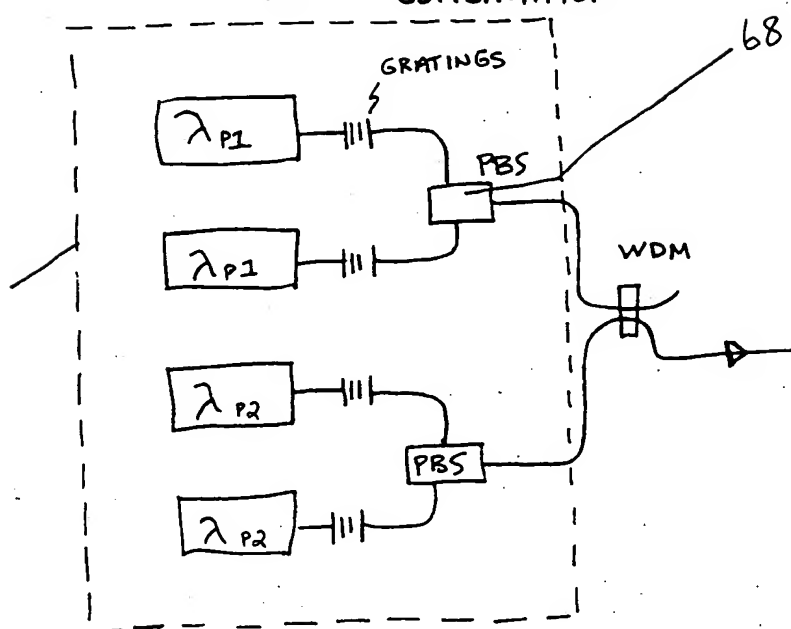
FIG. 9

10005472-110601

PUMP

=

4 LD COMBINATION



PUMP
SOURCE

FIG. 10

8 LD COMBINATION

10005472-10501
FO90T-245000T

PUMP
SOURCE

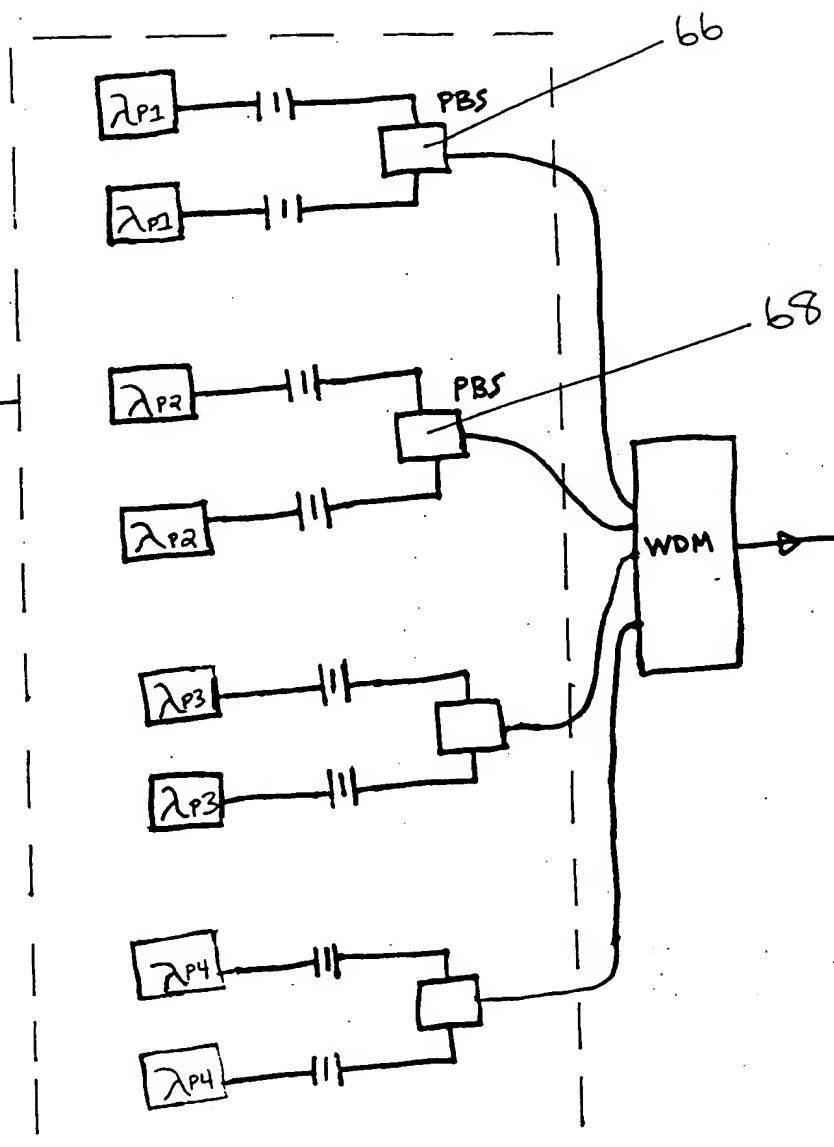


FIG. 11

1000547-110501

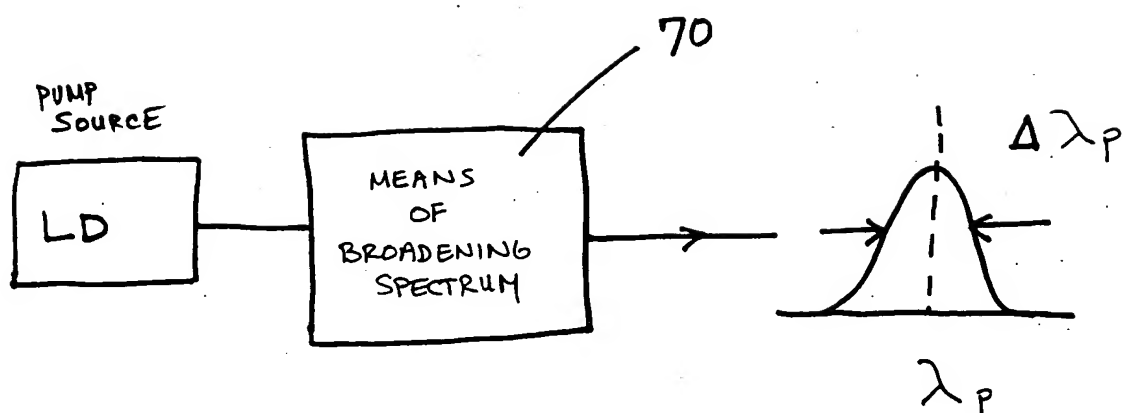


FIG. 12

72

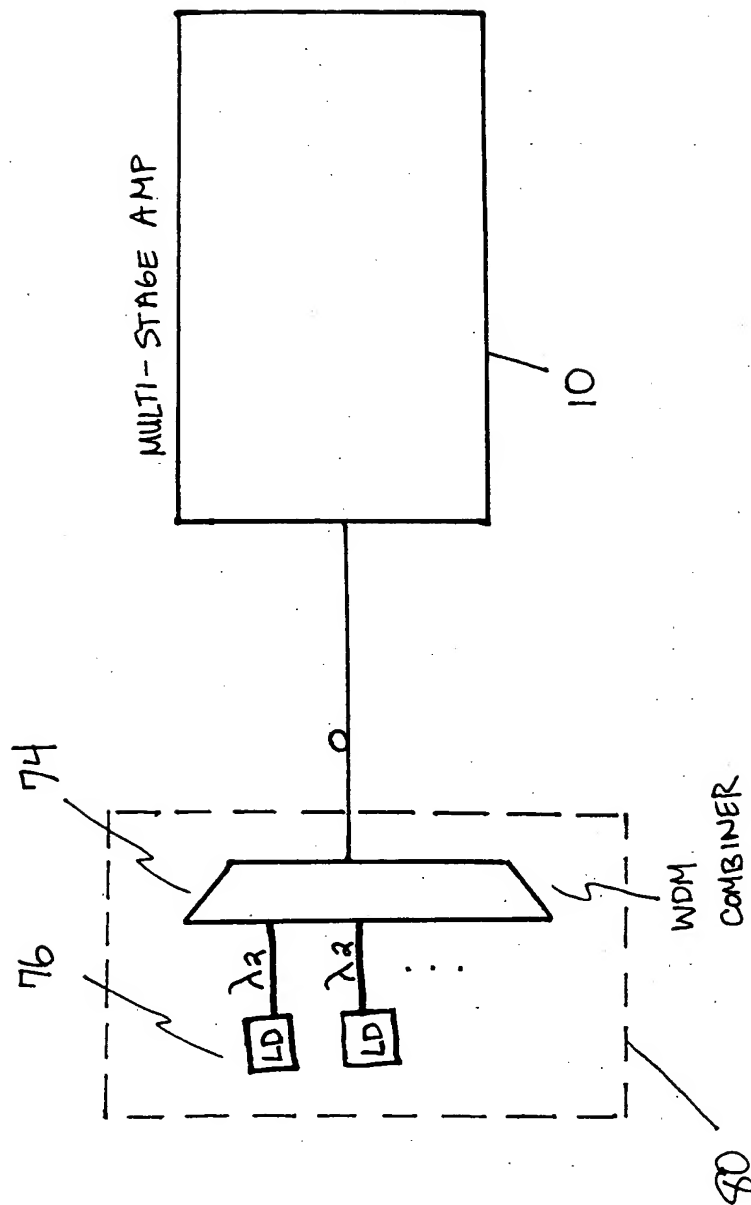
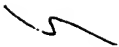
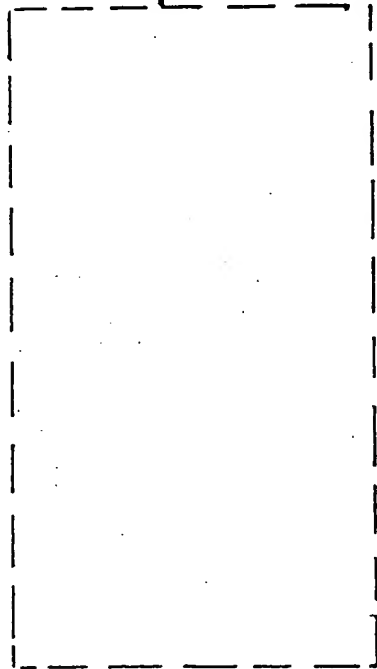


FIG. 13

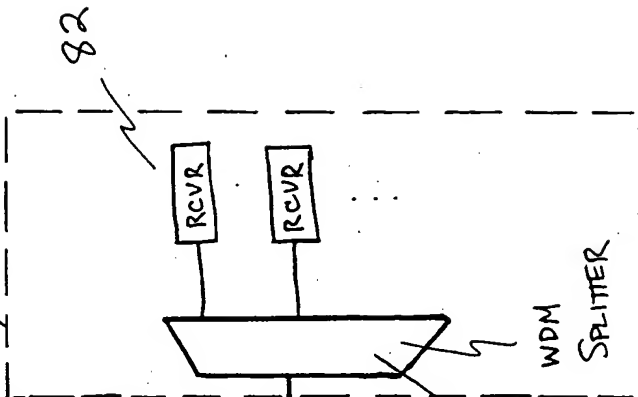
78



MULTI-STAGE AMP



10



WDM
SPLITTER

RCVR

RCVR

82

80

82

FIG. 14

86

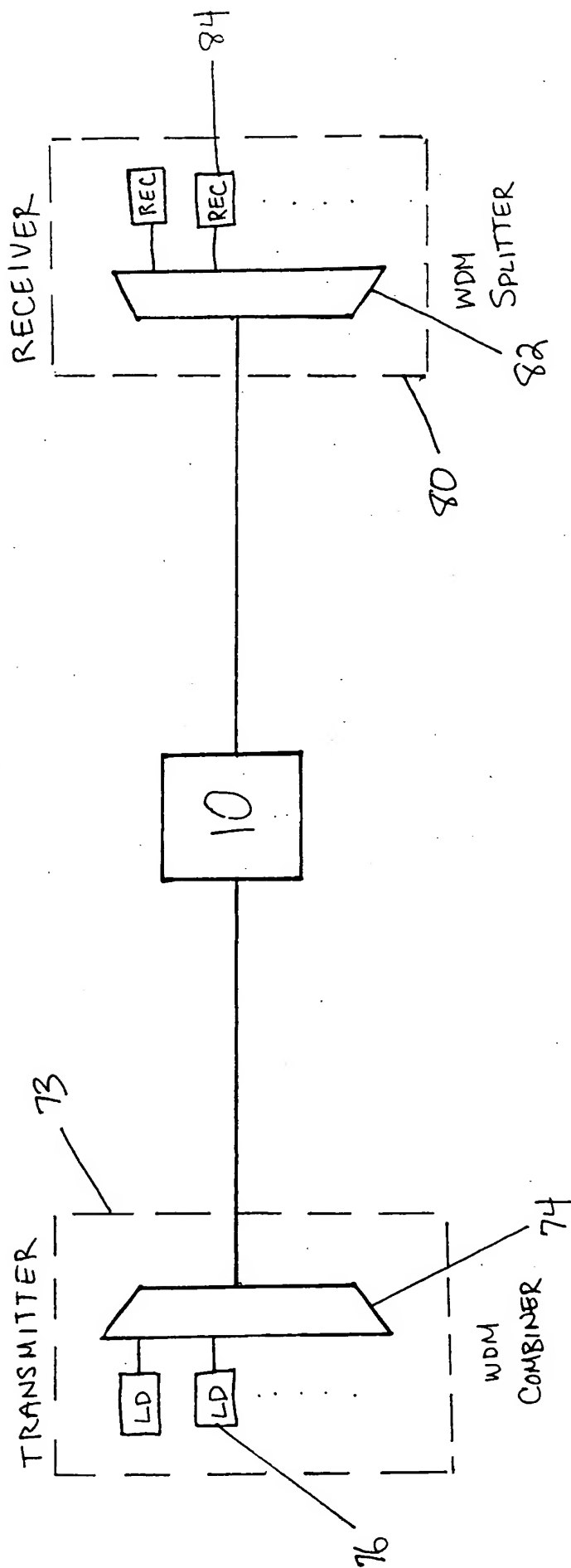


FIG. 15

88

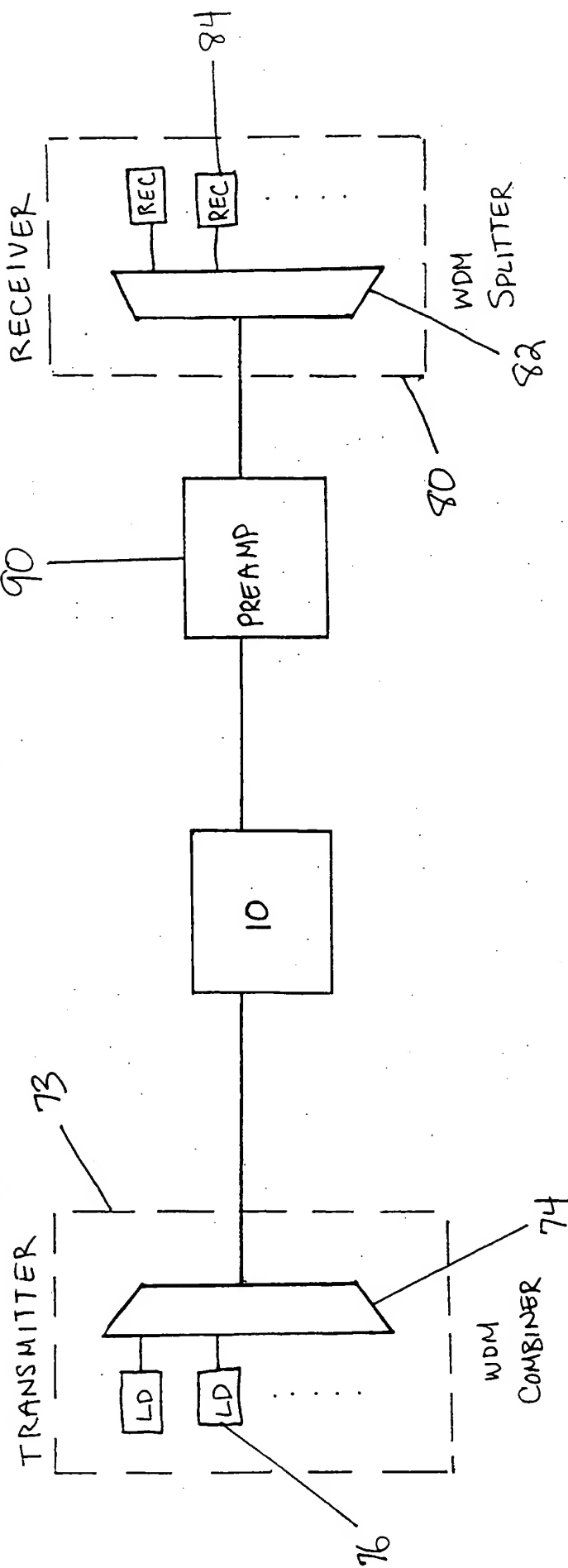


FIG. 16

92
✓

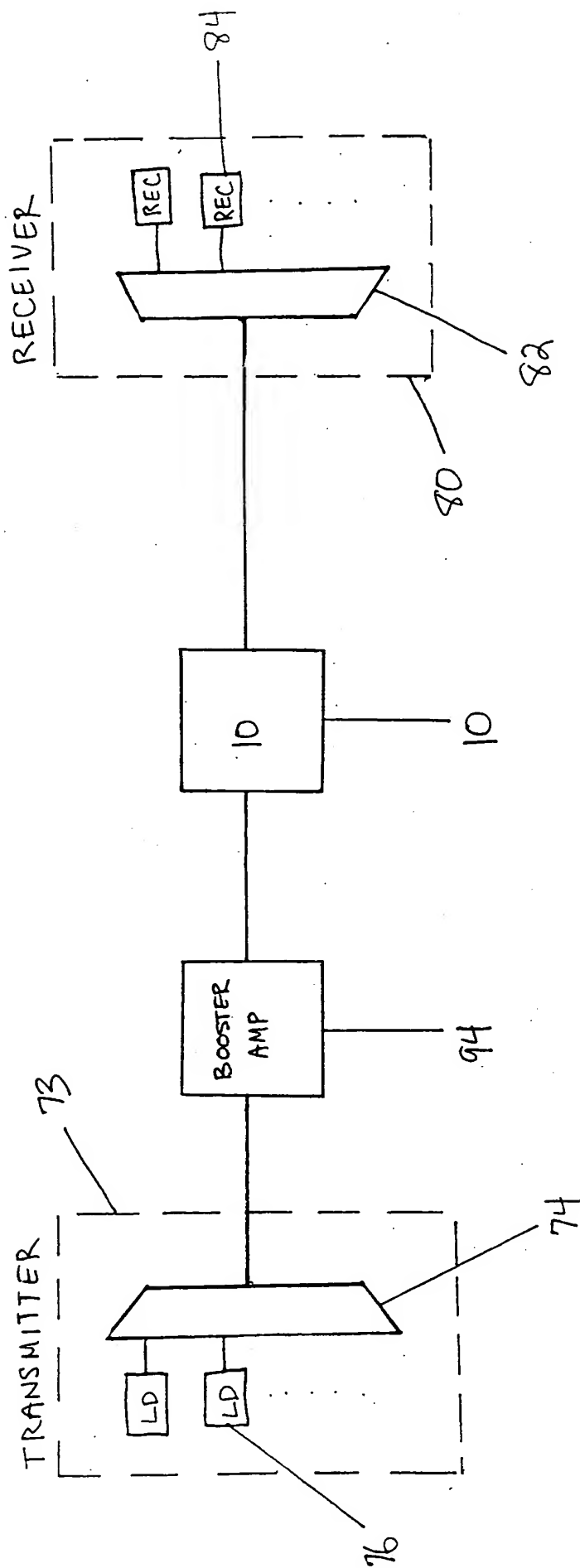


FIG. 17

96
✓

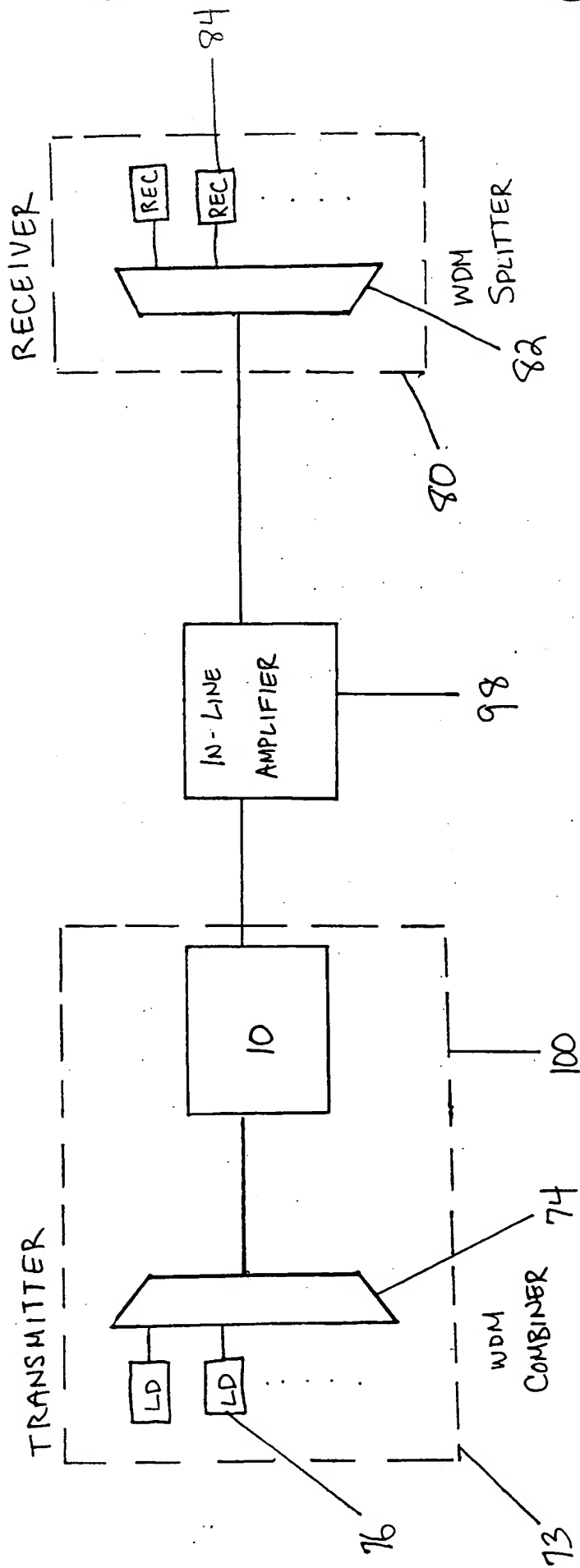


FIG. 18

102

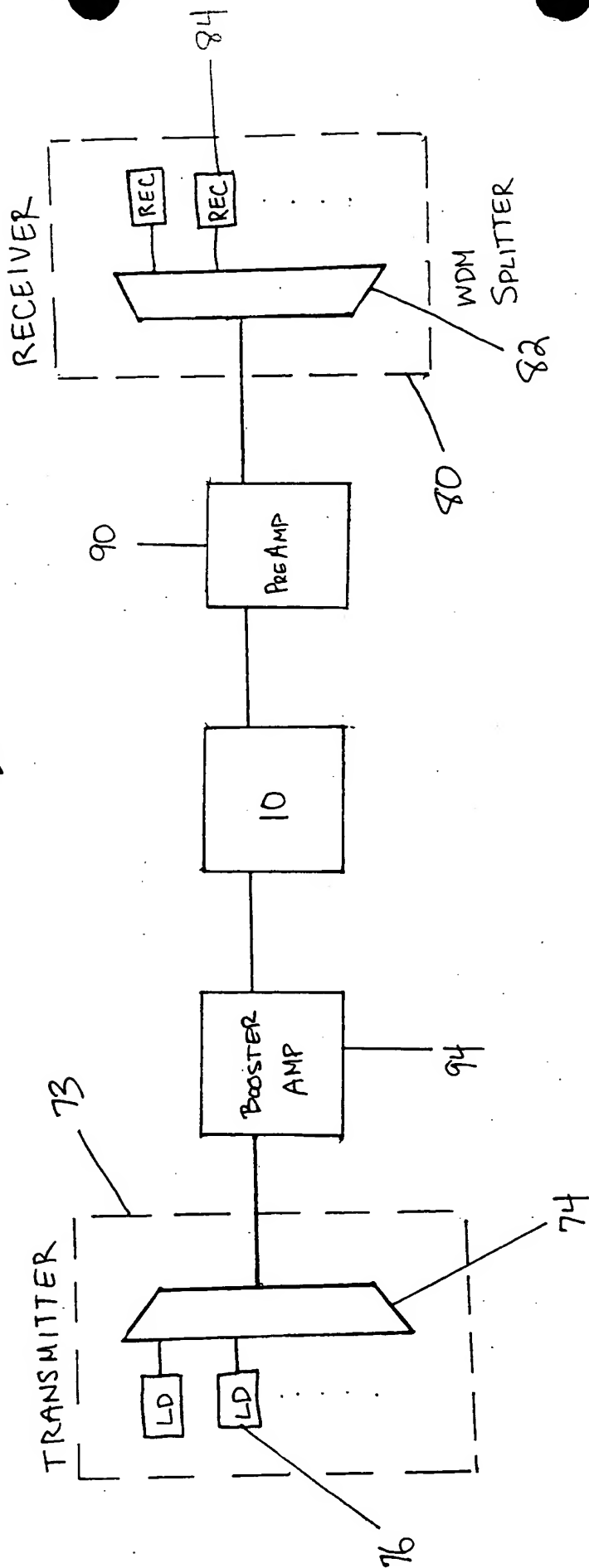


FIG. 19